WHAT IS CLAIMED IS:

- 1. A method of judging mouth odor characterized by culturing saliva immediately after wake-up under anaerobic conditions and analyzing the head space components of the cultured saliva thus obtained.
- 2. The method of judging mouth odor as claimed in claim 1, wherein cresol, indole or skatole in the head space components is detected.
- 3. A method of judging mouth odor as claimed in claim 1 or 2, wherein the head space components are adsorbed by a solid phase microextraction unit and then analyzed.
 - 4. A method of judging mouth odor characterized by counting anaerobic bacteria contained in saliva immediately after wake-up.
 - 5. An artificial mouth odor characterized by comprising head space components of cultured saliva obtained by culturing saliva immediately after wake-up under anaerobic conditions.

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